

# ASGR2 Rabbit pAb

Catalog NO.: A6281

## Basic Information

### Observed MW

41 kDa

### Calculated MW

35 kDa

### Category

Polyclonal Antibodies

### Applications

WB, IF-P, ELISA

### Cross-Reactivity

Human, Mouse

### Conjugation

Unconjugated

## Background

This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis and lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosamine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses including hepatitis B, and is also a target for liver-specific drug delivery. The asialoglycoprotein receptor is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by different genes. The protein encoded by this gene is the less abundant minor subunit. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:5000

**IF-P** 1:50 - 1:200

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

433

### Swiss Prot

P07307

### Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

### Synonyms

HL-2; HBXBP; ASGPR2; ASGP-R2; CLEC4H2; ASGR2

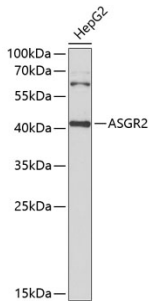
## Contact

## Product Information

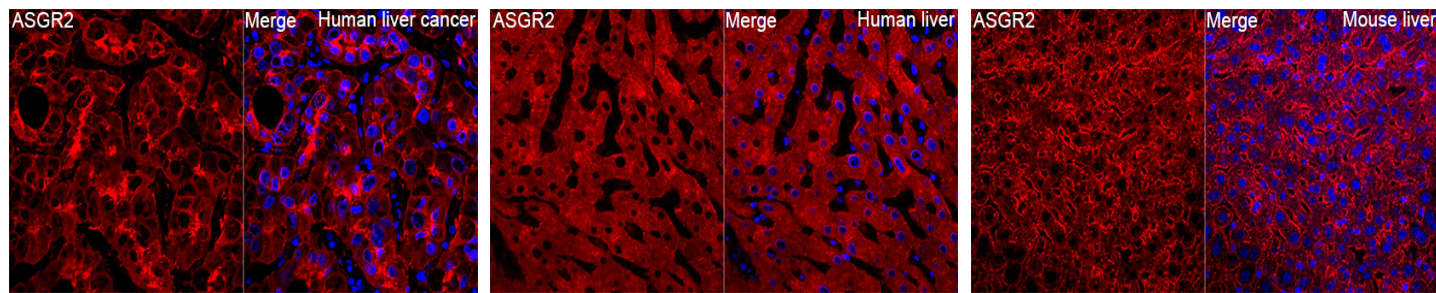
|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

| Source                                                                                                                                | Isotype | Purification          |
|---------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------|
| Rabbit                                                                                                                                | IgG     | Affinity purification |
| Storage                                                                                                                               |         |                       |
| Store at -20°C. Avoid freeze / thaw cycles.                                                                                           |         |                       |
| Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. |         |                       |

## Validation Data



Western blot analysis of lysates from HepG2 cells, using ASGR2 Rabbit pAb (A6281) at 1:1000 dilution.  
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Basic Kit (RM00020).  
 Exposure time: 90s.



Immunofluorescence analysis of paraffin-embedded Human liver cancer tissue using ASGR2 Rabbit pAb(A6281) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

Immunofluorescence analysis of paraffin-embedded Human liver tissue using ASGR2 Rabbit pAb(A6281) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

Immunofluorescence analysis of paraffin-embedded Mouse liver tissue using ASGR2 Rabbit pAb(A6281) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

